

Press Release
Greensville County Water and Sewer Authority Reservoir Project
October 27, 2014

The Greensville County Water and Sewer Authority (Authority) is pleased to announce that it has secured all of the major permits required to construct a new raw water intake and reservoir. The permits were issued by the Virginia Department of Environmental Quality, the Virginia Marine Resources Commission, and the Army Corp of Engineers. Securing these regulatory approvals is a major accomplishment for the Authority.

The reservoir/intake site is located approximately 2.5 miles west of the Town of Jarratt, on the northern side of Wyatts Mill Road. The proposed facilities will be used to supply raw water for the Jarratt Water Treatment Plant. That plant will treat and distribute the resource into the Authority's potable water distribution system. The project secures Greensville County's current water needs and provides adequate capacity for future residential and industrial growth.

The intake permits allow the Authority to annually withdraw over 1.7 trillion gallons from the Nottoway River. That equates to an average of 4.75 million gallons per day (mgd). The maximum daily withdrawal is capped at 12 million gallons. This large daily withdrawal amount will be lowered during periods of low flow conditions; additionally, no water will be taken during drought periods. Because of the reduced pumping methodology the new intake will actually improve the environmental health of the river system.

The raw water reservoir will have a capacity of 900 million gallons, a surface area of up to 150 acres, and a safe design yield of 5.57 mgd. Construction on the intake/reservoir is scheduled to begin in calendar year 2017. It will take approximately 2 – 3 years to complete the entire project.